thetech.com



WEATHER, p. 2 FRI: 64°F | 40°F Mostly sunny. SAT: 61°F | 46°F Mostly sunny.

Thursday, April 21, 2022

# Faculty approve 6-4 SB, 6-14 MEng at April meeting

# Presentations discuss graduate advising, 6-4 MASc, Indigenous history, Edgerton award

By Kristina Chen PUBLISHER

Volume 142, Number 9

Members of the faculty heard presentations on graduate advising and mentoring, a new proposal to establish a Master of Applied Science in Artificial Intelligence and Decision-Making (MASc), the Indigenous history of MIT, and the Harold E. Edgerton Faculty Achievement Award at the April 20 faculty meeting. Faculty also voted on proposals to require digital thesis submission, to establish a Bachelor of Science (SB) degree in Artificial Intelligence and Decision-Making (6-4), and to establish a Master of Engineering (MEng) degree in Computer Science, Economics, and Data Science (6-14).

Originally presented at the March faculty meetings, the three proposals all passed via a simple majority vote. Thus, the 6-4 SB and 6-14 MEng programs will be offered to students by the Department of Electrical Engineering and Computer Science beginning Fall 2022. Additionally, theses will now be submitted in a digital format rather than hardcopy.

Associate Provost Tim Jamison and Professor Paula Hammond PhD '93, co-chairs of the ad hoc committee on graduate advising and mentoring, presented the findings of the

Charged by the refinement and implementation committee for graduate student advising and mentoring of Task Force 2021 and Beyond, the committee consists of graduate students, faculty from each school, and staff and was asked to develop a strategic plan to guide policies to support excellence in graduate student advising and mentoring.

The committee determined three main approaches to enhance mentoring and advising practices: establishing a center for advising and mentoring to provide faculty, thesis supervisors, and graduate student resources for professional skill development; creating a constructive and fair structured feedback system of evaluation yielding both quantitative and narrative data; and preventing negative experiences as much as possible and addressing promptly when they occur with appropriate transitional funding and reporting

The committee plans to release a draft of its strategic plan to the MIT community in the next week, in order to receive feedback and make revisions before submitting the final plan to Institute leadership at the end of the spring semester.

Professors Aleksander Madry PhD '11 and Pablo Parrilo presented their proposal for a MASc degree in 6-4. Motivated by the establishment of the new 6-4 SB program, the MASc would introduce artificial intelligence and decision making concepts to a larger audience.

Rather than limit the 6-4 major to MIT students — resulting in delayed impact as only undergraduates may access the material - the 6-4 MASc would consist of two

MicroMasters program and one offered residentially at MIT for around 20 applicants who receive the MicroMasters credentials. The Micro-Masters component would consist of 48 units of online courses and the on-campus component would be one semester of 48 units at MIT. Students would next be required to spend a spring or summer semester taking an approved internship or research project to apply their knowledge and to produce a report akin to

The MASc degree would require students to engage with social and ethical responsibilities of computing for at least 4 hours during the

Faculty Meeting, Page 2





Saturday



Janggu performer, dance groups, and acapella groups come together to provide entertainment during the KCA Korean Street Food Festival, Tuesday.

# **MIT Divest meets with Attorney** General's Office regarding legal complaint filed against Institute

Cohen: Attorney General's Office investigated and deemed the complaint 'unquestionably compelling in its advocacy'

By Srinidhi Narayanan NEWS EDITOR

MIT Divest members met with members of the Massachusetts Attorney General's Office in an hourlong virtual meeting April 8 regarding a legal complaint filed February 16; MIT Divest had filed the complaint to "investigate continued investment in the fossil fuel sector by

school trustees. Aaliya Hussain '25, Peter Scott '23, Ellie Rabenold '23, and Jess Cohen '22 spoke with undisclosed members of the Attorney General's Office and "some other divestment supporters," according to a statement provided to The Tech by Cohen. The statement reported that there were "multiple people" from the Attorney General's Office present, and that "based on who was present and their questions, it seems they are taking the legal complaint seriously."

Cohen's statement also detailed the proceedings of the meeting: the meeting reportedly began with introductions and an outline of Divest's history and that of MIT's previous divestment support coalition, Fossil

The Attorney General's Office would go on to ask about MIT's 2015 Climate Action Plan (CAP), about MIT's current CAP, and about the MIT Investment Management Company (MITIMCo).

Divest members explained to the meeting attendees that the 2015 CAP, which was based off of the work of Fossil Free MIT since 2013, had been criticized "by a wide variety of people for being too narrow and shallow,"

and that it focused too specifically on MIT's needs and research initiatives without "considering MIT's influential niche in the larger world."

The 2015 CAP was also criticized for outlining very sparing goals, such as "reducing emissions by 32% by

Divest also highlighted the 2021 CAP, stating that though MIT has emphasized engagement with fossil fuel companies — joining and creating groups to facilitate engagement - the Institute has failed to provide "any clear response on tangible actions they have taken."

Divest's interactions with MIT-IMCo, the entity "that is in charge of the endowment," were also a point of interest for the Attorney

MIT Divest, Page 2

Martin Baron will deliver the Compton lecture at 4 p.m.

The Class of 2024 Ring Deliv**ery** is April 24.

The last day to drop second half-of-term (H4) classes is April 26.

The last day of classes for the Spring 2022 semester is May 10.

Interested in joining The Tech? Email join@tech.mit.

Send news and tips to news@ tech.mit.edu.

# MIT to advance Indigenous scholarship, support

Reif: MIT to 'create a tenure-line faculty position in Native American studies' in SHASS

By Wenbo Wu EDITOR IN CHIEF

MIT will take steps to "advance Indigenous scholarship and support [MIT's] Indigenous community," President L. Rafael Reif wrote in an email to the MIT community April 19.

To advance Indigenous scholarship, Reif wrote that MIT will "create a tenure-line faculty position in Native American studies" within the School of Humanities, Arts and Social Sciences (SHASS), with the hope of "understanding of MIT's Indigenous History and Native issues more broadly" and educating MIT

students on "this rapidly expanding discipline," Reif added that the Institute hopes to fill the position by the start of the 2023-24 academic year.

Reif also wrote that MIT will expand its Martin Luther King, Jr. Visiting Professors and Scholars Program by adding two positions, "with at least one each year reserved for a scholar of Native American studies." The portfolio of the Native American studies scholar "will include leading the ongoing exploration of MIT's Indigenous history" until the SHASS faculty position has been filled.

MIT will also fund "a study to research and document" the role of MIT's third president Francis Walker in "advancing the Native American reservation system, which cruelly and unjustly relocated Native Americans from their land to make way for European settlers." Currently, "no definitive modern history exists" regarding Walker's role, Reif wrote.

Additionally, Reif wrote that MIT will "fund two graduate fellowships" for "the next two academic years" in the MIT Indigenous Language Initiative, which is "a master's program in linguistics" that "provides a linguistic framework to help protect" and "revitalize" "threatened languages," such as those of the "Passamaquoddy, Iñupiaq[,] and Wôpanâak nations."

Regarding MIT's support for its Indigenous community, Reif wrote that MIT is currently finalizing the Institute's strategic diversity, equity, and inclusion action plan, which will "detail a coordinated, systematic approach for actions" that "will strengthen the entire MIT community."

According to the Morrill Act of 1862 that "established MIT as a land grant university," Massachusetts had

Indigenous, Page 2

### **WELL-CRAFTED**

Pricey but a worthwhile for special occasions. ARTS, p. 5



### **PROGRESS**

Treating others with respect despite our disagreements. OPINION, p. 4



### **XKCD**

Weird Unicode Math Symbols.

FUN PAGES, p. 7

### **SECTIONS**

Sports	. პ
Opinion	.4
Arts	.5
Fun Pages	6

2 The Tech
Thursday, Arpil 21, 2022

**WEATHER** 

# Springtime shenanigans

By Shinjini Ghosh

Spring is finally arriving in Cambridge, with rising temperatures, sunny skies, chirping sparrows, and a mild breeze. Prepare to welcome a mostly sunny and warm weekend which gives way to a colder, cloudier, and rainier week. Locally, the weather is a little drier than normal, while the west coast is pummeled by rain, snow, and thunderstorms with an increased risk of forest fires in the Pacific northwest. However, here in the Northeast, we are looking at a lovely sunny weekend—enjoy your new Brass Rats, 2024s!

### **Extended Forecast**

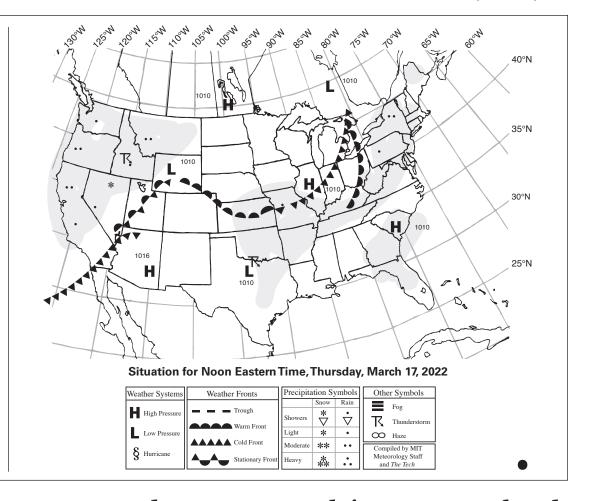
**Today**: Cloudy. High around 60°F (16°C). Southeast winds around 15–25 mph.

**Tonight:** Cloudy skies that clear up partially. Low around 48°F (9°C) with southwest winds at 15–25mph.

**Tomorrow:** Mostly sunny with high around 64°F (10°C) and low around 40°F (6°C). Northwest winds at 10–25 mph.

**Saturday**: Mostly sunny with high around 61°F (16°C) and low around 46°F (8°C). North winds at 5–15 mph.

**Sunday:** Mostly cloudy with high around 50°F (10°C) and low around 42°F (6°C). East winds at 10–15 mph.



# Harvey: MIT has 'obligation to support Indigenous people' as APLU school

Faculty Meeting, from Page 1

The 6-4 MASc degree will be voted on at the May faculty meeting.

Faculty also heard a presentation from Alvin Harvey SM '20, a student in 21H.283 (Indigenous History of MIT). Harvey presented his research from the class, followed by a short question and answer session with faculty members including a panel of colleagues from 21H.283.

Harvey said that the class "came to understand the immoral acts that established MIT as a land grant university, ..., MIT's corporate and intellectual investment in the genocide of Indigenous people, MIT's transaction of Indigenous bodies, and the intentional erasure of Indigenous presence at MIT."

Harvey described how the Morrill Land Grant College Acts of 1862 and 1890 enabled the establishment of institutes of higher education in Massachusetts, including MIT, and how land taken from Native American people has continued to fund MIT in the last two centuries.

Harvey said that "MIT has an obligation to support Indigenous people and students as a member of the Association of Public and Land-Grant Universities (APLU)" and "a responsibility to uphold the APLU's statement of land acknowledgement" by providing opportunities for Native American students and "working to appropriately and respectfully serve as ready and willing partners to help address their challenges and needs."

APLU members should "share and continue to learn from the history of Native Americans whose lives, traditions, and cultures are inexorably linked to their own history," Harvey said.

Harvey asked that faculty "make the changes necessary to repair the relationship with Indigenous people" as "intellectual leaders at MIT."

Harvey also cited existing work to support the Indigenous community at MIT, such as the establishment of Indigenous Peoples' Day as an Institute holiday, the creation of designated spaces for Indigenous students, classes like 21H.283 where Indigenous history is studied, the adoption of Indigenous research methodologies. Harvey then suggested potential future

work, including hiring of more tenure track Native American faculty members, building connections with the Wampanoag and the Massachusetts tribes, and collaborating with MIT International Science and Technology Initiatives to engage with Indigenous populations.

Faculty expressed their appreciation for Harvey's presentation by writing messages of thanks in the Zoom chat.

Professor Rafi Segal, member of the Edgerton Award Selection Committee announced the recipient of the 2021–22 Harold E. Edgerton Faculty Achievement Award, which recognizes outstanding non-tenured members of the faculty. Anthropology Professor Amy Moran-Thomas received the award.

Moran-Thomas is a medical anthropologist who researches ties between human and environmental health, focusing on health disparities. She "stands out in this field by bringing a humanistic approach into dialogue with environmental and science studies to investigate how bodily health is shaped by social well-being at the community level and further conditioned by localized planetary imbalances," Segal said. In addition to publishing essays and books, performing research, and teaching, Moran-Thomas is a member of MIT's climate action advisory committee and involved with efforts related to social and ethical responsibilities of computing at the Schwarzman College of Computing.

# MIT Divest members will hold a rally and letter-writing session April 22

MIT Divest, from Page 1

General's Office. Divest responded that MITIMCo released their framework for environment, social, and governance investment (ESG Framework) publicly at the behest of Divest. Divest members told the meeting attendees that they felt that "reading through the principles, it is clear" that MITIMCo had used

the principles to "skirt the question of divestment," and that "it is clear" from the wording of the framework that "MITIMCo is looking to avoid the symptoms of climate change while still remaining invested in the root of the problem" (the ESG Framework uses climate change as a case study).

Divest members closed by sharing with meeting attendees that they

see "no proper response or genuine acknowledgement" of their concerns despite appealing through various formal channels, such as engaging with administrators directly, going through student governments, forming committees, and issuing recommendations.

Cohen shared that the Attorney General's Office deemed the complaint "unquestionably compelling in its advocacy," and noted that a "lot of work and thought is going into this from both ends."

MIT Divest will be holding a rally and letter-writing session April 22 to push forward their demands for divestment and to give the MIT community a chance to pass on "any concerns they might have" to President L. Rafael Reif.

The complaint Divest has filed

with the Attorney General's Office is one of five such complaints filed by universities with their respective state Attorney General's Offices (Yale, Stanford, Princeton, and Vanderbilt have filed with the Connecticut, California, New Jersey, and Tennessee Offices, respectively). As the complaints were being filed, Divest held a three-day sit-in outside Reif's office.

# MIT to direct annual sums, starting at \$50,000, toward Indigenous efforts

Indigenous, from Page 1

made annual payments to the Institute that "ended without explanation in 2008."

MIT is now working "with the Office of the State Treasurer" to determine if "the state might resume these annual payments, which we would direct to help support Indigenous community efforts on our campus." Until "the state takes action," MIT will "channel an equivalent sum each year to Indigenous ef-

forts on campus, jumpstarted with a one-time allocation of \$50,000."

Reif wrote that he has "asked Chancellor Melissa Nobles and Institute Community and Equity Officer John Dozier to co-chair an ad hoc working group of faculty, staff and students," which will take care to "ensure that [MIT's] Native community is present and deeply engaged."

The working group will advise Reif on a "specific use for the funds" allocated "for maximum impact"; whether MIT "should develop an official land acknowledgment statement or a statement of relationship with our internal and external Indigenous communities, and, if so, what the process... should entail"; and the "best way" to ensure that "the MIT administration maintains open, regular communication with Native American communities on and around" campus.

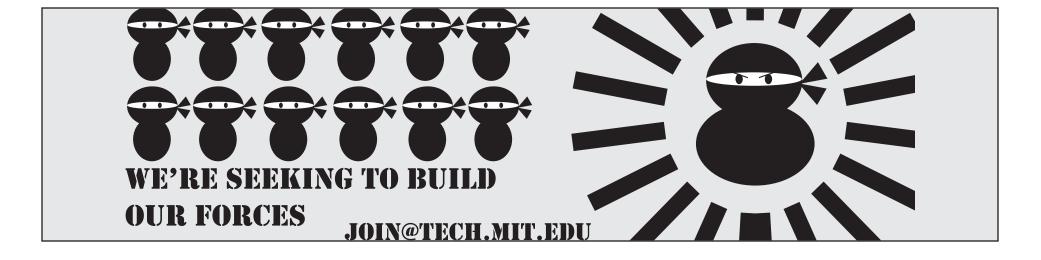
Reif wrote that he expects "to receive and share the working group's recommendations before the end of 2022"

Additionally, MIT will "continue to support and expand" the Indigenous Communities Fellowship and work with the Department of Urban Studies and Planning to develop 11.S938/11.S99 (Indigenous Environmental Planning).

Reif sent his email after meeting with students in 21H.283 (The Idigenous History of MIT) and discussed about "MIT's connections to Native nations and tribal lands, the histories of Native communities in New England, and the history of Indig-

enous students, staff and faculty on our campus" during the Spring and Fall 2021 terms.

"The actions we announce today are, in part, an expression to our Indigenous students, staff, faculty, postdocs and alumni that we see, hear and value them," Reif wrote. "These actions are also an acknowledgement that we have work to do, and reflect a lasting commitment to move forward in ongoing dialogue and partnership with Native communities at MIT and beyond."



### Friday, April 15

- Softball lost against Worcester Polytechnic Institute 2-4 and then won 9-1.
- Baseball won against Wheaton College 8-6.
- Women's Tennis won against Bowdoin College 9-0.

### Saturday, April 16

- Sailing got 8th place out of 15 with 241 points at the NEISA Women's Championship.
- Sailing got 4th place out of 10 with 212 points at the Oberg Trophy.
- Sailing got 9th place out of 15 with 361 points at the Thompson Trophy.
- Men's Lightweight Crew obtained 3rd (V8), 2nd (2V8), 2nd (3V8) at the Biglin Bowl.
- Track and Field recap and results at the Silfen Invitational can be found on mitathletics.
- Women's Lightweight Crew got 3rd place out of 3 (V8) against Boston University and Radcliffe in the Muri Cup/Beanpot.
- Women's Openweight Crew got 1st place out of 3 (V8); 2nd place out of 3 (2V8); 3rd place out of 4 (3V8); and 3rd place out of 5 (V4) against Boston College and Sacred Heart.
- Men's Track and Field got 11th place out of 20 with 15.5 points at the UConn Northeast
- Women's Track and Field got 15th place out of 19 with 17 points at the UConn Northeast Challenge.
- Men's Heavyweight Crew got 4th in the grand final (V8); 6th in the grand final (2V8); 5th
- (2V4); and 4th (3V8) in the Kerr Cup. Women's Tennis won against Mount Holyoke College 9-0.
- Baseball lost against Wheaton College 1-6 and 9-10.
- **Softball** lost against Springfield College 2-3 and 4-6.
- Men's Lacrosse won against United States Coast Guard Academy 17-10.
- Men's Tennis won against Clark University 8-1.
- Women's Lacrosse won against Springfield College 15-9.

### Sunday, April 17

Sailing got 3rd place out of 16 with 54 points at Tufts University.

### Tuesday, April 19

Women's Tennis won against Wellesley College 9-0.

### Wednesday, April 20

- Men's Tennis won against Emerson College 9-0.
- Softball won against Salve Regina 5-3 then 10-1.
- Baseball at Tufts University was postponed.
- Baseball won against WPI 7-6.
- Women's Lacrosse won against Wheaton College 20-10.



## **Upcoming Sports Events**

### **THURSDAY 21**

### Men's Tennis

vs. Tufts University 3:30 p.m.

### FRIDAY 22

### Softball

Wheaton College 3:00 p.m.5:00 p.m.

### Baseball

vs. Babson College 3:30 p.m.

### Women's Tennis

and Lee Washington University 4:00 p.m.

### **SATURDAY 23**

### Sailing

Women's Team Race National Championship

### Women's Openweight Crew Holy Cross

### Men's Lightweight Crew vs. Williams and Tufts

Women's Lightweight Crew

### vs. Gordon College

Sailing

Morris Trophy

Boston Dinghy Club Cup

### Men's Heavyweight Crew Bates College

Women's Track and Field

### Sean Collier Invitational

11:00 a.m.

### Baseball

Babson College 12:00 p.m. 3:00 p.m.

### Softball

Smith College 12:00 p.m. 2:00 p.m.

### Women's Tennis

vs. Clark University 12:00 p.m.

### Men's Lacrosse

Emerson College 1:00 p.m.

### Men's Tennis

Babson College 2:30 p.m.

### Women's Lacrosse

Clark University 7:00 p.m.

### **SUNDAY 24**

### Sailing

Women's Team Race National Championship

### Sailing

Morris Trophy

### Sailing

Boston Dinghy Club Cup

### Men's Lightweight Crew vs. Mercyhurst University

PORTSSPORTS SPORTSSPORTSSPORTSSPO

Baseball

Amherst College 1:00 p.m.

### **TUESDAY 26**

### Baseball us WPI

3:30 p.m.

### Women's Tennis

Wheaton College 4:00 p.m.

### **WEDNESDAY 27**

### Softball

vs. Simmons University 3:00 p.m.5:00 p.m.

### Baseball

vs. Trinity College 4:00 p.m.

### Women's Lacrosse

vs. Wellesley College  $6:00 \ p.m.$ 

# Biz pays the bills

Join the Business Department of *The Tech* and earn \$12/hr! Email join@tech.mit.edu





### Publisher

Kristina Chen '23

Editor in Chief Wenbo Wu '23

Business Manager Caroline Bao '23

**Managing Editor** William Xu '24

**Executive Editor** 

Chloe McCreery '23

NEWS STAFF

News Editors: Shelley Choi '23, Srinidhi Narayanan '24; Staff: Kylee Carden '23, Grace Song '23, Nicole Chan '24; Meteorologists: Trinity Manuelito '23, Phoebe Lin '24.

PRODUCTION STAFF

Editors: Arun Wongprommoon '23, Syd Robinson '25; Associate Editor: Angelina Zheng '25; Staff: Yichi Zhang G, Laney Flanagan '22, Alexis Huang '24, Katherine L. Pan '24, Grey Sarmiento '24, Jakin Ng '25.

SCIENCE STAFF

Editor: Laura Schmidt-Hong '23.

ARTS STAFF

Editors: Mindy Long '23, Erika Yang '23; Staff: Mureji Fatunde G, Lani Lee G, Vyshnavi Vennelakanti G, Alana Chandler '22, Rajiv Movva '22, Victoria Dzieciol '23, Jamie Fu '23, Anahita Srinivasan '25.

PHOTOGRAPHY STAFF

Editors: Maximo Machado '23, Cady
Boronkay '24; Associate Editor: Maxwell
Yun '21; Staff: Sophia Fang '22, Shinjini
Ghosh '22, Stephany Pang '22, Zoe Pasetsky '24,
Farin Tavacoli '24, Amina Abdalla '25, Olivia
Lee '25, Kate Lu '25, Alexa-Rae Simao '25,
Michele Gabriele.

CAMPUS LIFE STAFF

Editor: Paige Bright '24; Staff: Vivian Hir '25.

COPY STAFF

Copy Chief: Caitlin Fukumoto '24; Associate Editor: Jyotsna Nair '25; Staff: Stuti Khandwala '23, Michael V. Bhopaul '24, Denzel Segbefia '25, Alicia Yang '24.

BUSINESS STAFF

Advertising Manager: Alvin Chen '25; Operations Manager: Jamil Dellawar '24; Staff: Julia Situ '23, Christina Lee '25.

TECHNOLOGY STAFF

**Director:** Anirudh Rahul '24; **Staff:** Mario Leyva '22.

SOCIAL MEDIA STAFF

Staff: Frankie Schulte '24.

ADVISORY BOARD

Paul E. Schindler, Jr. '74, Barry S. Surman '84, Deborah A. Levinson '91, Saul Blumenthal '98, Daniel Ryan Bersak '02, Eric J. Cholankeril '02, Marissa Vogt '06, Austin Chu '08, Michael McGraw-Herdeg '08, Marie Y. Thibault '08, Angeline Wang '09, Jeff Guo '11, Anne Cai '14, Jessica L. Wass '14, Bruno Faviero '15, Kali Xu '15, Leon Lin '16, Kath Xu '16, Lenny Martinez Dominguez '17, Charlie J. Moore '17, William Navarre '17, Emma Bingham '19, Nafisa Syed '19, Áron Ricardo Perez-Lopez '20, Nathan Liang '21, Joanna Lin '21, B. D. Colen.

EDITORS AT LARGE

**Senior Editors:** Ben Kettle '22, Kevin Ly '22, Steven Ngo '22, Ana P. Reyes Sánchez '22, Daniel Zhang '22.

PRODUCTION STAFF FOR THIS ISSUE

**Editors:** Arun Wongprommoon '23, Syd Robinson '25; **Copy Editors:** Caitlin Fukumoto '24, Jyotsna Nair '25

The Tech (ISSN 0148-9607) is published on Thursdays during the academic year (except during MIT vacations) and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$50.00 per year (third class). POSTMASTER: Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. TELEPHONE: Editorial: (617) 253-1541. Business: (617) 258-8324. Facsimile: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 2022 The Tech. Printed by Graphic Developments, Inc.

### **GUEST COLUMN**

# On civility: in search of the path forward

When we disagree, we can still embody our community values

By Blanche Staton

I write today to share some personal reflections and concerns about the way our community is currently interacting.

I have had the honor of serving graduate students and the broader MIT community for nearly 25 years. I have often found my experiences deeply rewarding, and I have enormous respect and love for graduate students and the broader MIT community.

As I have said before, our grad students are the spirit and the energy of MIT, the mind, hand, and heart. They have been my thought partners, helping to create a better Institute for all its people, on initiatives such as the Graduate Community Fellows program and the annual Path of Professorship workshop. I count former grad students as my chosen family. They are my reason for being at MIT.

### I count former grad students as my chosen family. They are my reason for being at MIT.

Similarly, it has been my great pleasure to work with faculty members to mitigate student crises, to provide individual funding for those in need, to think through intricate issues of policy, and to build programs that increase diversity and improve the climate at MIT. My staff colleagues have been my staunchest teammates, eternally ready to advance MIT's goals for the good of the community with vision, heart, and dedication.

We students, faculty, and staff have done outstanding work together.

Through these years of working with the MIT community, you can well imagine that there were some fundamental disagreements between various parties on any number of topics. Participants have disagreed on exactly what change was needed, whether it was needed at all, and how fast we should change. Opinions diverged widely about the school of thought on which we should base our decisions and about logistical details large and small.

But it is only in recent times that I have become deeply troubled by the *way* we disagree. There has been a marked decline in the civility of our discourse.

I do not write to point fingers; I will refrain from sharing names or specific events. It is also important to point out that this is broader than any single issue — I am not just talking about any decision by the administration, or conversations around masking, or staffing issues, or unionization.

### I am not just talking about any decision by the administration, or conversations around masking, or staffing issues, or unionization.

With that being said, I have been privy to communications that have been disrespectful in the extreme. I have seen combative emails and vulgar language. I have heard reports of individuals crowding others in dining areas or testing drop-off locations in order to force them to listen. Members of our community have described "constant harassment" on a particular issue. I sometimes witness accusations instead of active listening. These days, the dissatisfaction with our exchanges seems to be pervasive.

Members of our community — from every segment — are feeling wounded. You are weary. You feel unheard and dismissed. You are frustrated.

I understand. Over the course of my career in higher education, I remember times when my own voice was made small, or ignored altogether. I have fought long and hard only to have to keep fighting over and *over* for vital resources or for injustices to be acknowledged and addressed or made right. I know what it is to feel devalued.

It can get to a point where quelling the anger, the weariness, becomes a gargantuan effort. I have been there too.

But before you let your feelings tumble out, have a care. Are you about to yell? Curse? Deliver insults? Treat someone with hostility? Even if you think the vitriol is deserved, pause for just a moment. Consider what you're trying to achieve. Consider how *you* want to be treated and heard.

This month, the MIT Values Statement was finalized, which synthesized input from dozens of meetings with over 600 students, faculty, staff, and alumni. It reads, in part:

"We know that attending to our own and each other's wellbeing in mind, body, and spirit is essential. We believe that decency, kindness, respect, and compassion for each other as human beings are a sign of strength."

We have all chosen to be part of the MIT community. It is hugely complex and diverse. It is imperfect. It will, in fact, never be perfect. But imperfection has never been our cue to concede defeat. If this values statement speaks to you, I call upon you now to do your part to make it real.

Of course, we will struggle and disagree. Sometimes change feels too slow for no apparent reason. Other times, it must be slow in order for us to get buy-in and investment from key stakeholders so we can successfully achieve our goal. A slower pace doesn't necessarily mean that others don't care

# Brutal and demeaning words will not get us closer to resolution.

Do you feel the need to apply pressure? Understandable. Just remember that one can press and advocate vigorously without becoming adversarial. Brutal and demeaning words will not get us closer to resolution. Give each other grace and space. Allow your heart to call to the common humanity that unites us. Ask questions instead of presuming. In our studies, we are trained to present compelling arguments and to use data that supports our thesis. But don't sacrifice your integrity. Be accurate in referencing data or the views of others.

Let's all choose actions that affirm our best vision of ourselves and our community. Let us treat others as we expect and desire to be treated.

No matter where we stand today, or how our vital conversations proceed, we will remain members of the same community. We will continue to disagree. We will continue to strive for progress despite imperfection. Each of us will bring something to the table. Each of us can make a difference.

Let's make space to struggle forward together, without deepening the wounds we all carry.

Blanche Staton is Senior Associate Dean and Director of the Office of Graduate Education at MIT.

# Got a lot on your mind?

Share some thoughts with us!
Write for Campus Life. join@tech.mit.edu
Or join us for dinner, Sundays 6 p.m. (W20-483)

### **OPINION POLICY**

**Editorials** are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Publisher Kristina Chen, Editor in Chief Wenbo Wu, Managing Editor William Xu, Executive Editor Chloe McCreery, and the opinion editor, a position that is currently vacant.

**Dissents** are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to *letters@tech.mit.edu*. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by noon four (4) calendar days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

Once submitted, all letters become property of *The Tech*, and will not be returned. Letters, columns, and cartoons may also be posted on *The Tech*'s Web site and/or printed or published in any other format or medium now known or later that becomes known. *The Tech* makes no commitment to publish all the letters received.

**Guest columns** are opinion articles submitted by members of the MIT or local community.

### **TO REACH US**

The Tech's telephone number is (617) 253-1541. Email is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to <code>general@tech.mit.edu</code>, and it will be directed to the appropriate person. You can reach the editor in chief by emailing <code>eic@tech.mit.edu</code>. Please send press releases, requests for coverage, and information about errors that call for correction to <code>news@tech.mit.edu</code>. Letters to the editor should be sent to <code>letters@tech.mit.edu</code>. The Tech can be found on the World Wide Web at <code>http://thetech.com</code>.

### **RESTAURANT REVIEW**

# A hidden luxury

# Harvard Square's historical secret

By Cathy Cai and Tai Zheng

Tucked away in a quiet corner in Harvard Square, Harvest offered an unexpectedly vibrant fine dining experience. Boasting a carefully crafted menu featuring seasonal specialities, Harvest has provided a welcoming atmosphere in which to enjoy contemporary New England cuisine since 1975. The restaurant has inspired many chefs, and it was even frequented by celebrity chef Julia Child during her time in Cambridge. Harvest has many regulars, and the kitchen often adjusts recipes based on the feedback of their diners.

We were warmly welcomed and seated next to the fireplace on the heated back patio. While the fireplace made our table unusually warm, the patio as a whole was very well-decorated, complete with flowers, trees, and string lights.

The dinner menu was relatively small, but it was easy to tell that each dish was carefully chosen to showcase Harvest's culinary talent and freshness. The manager informed us that the menu changes seasonally and that many of the ingredients were hand-picked, sourced from local purveyors. This was a stark contrast to the beverage menu, which presented an expansive list of cocktails, beers, wines, and spirits from around the world. (20 pages were dedicated to wines alone.)

For drinks, Cathy ordered the Pigeon Cove Kombucha, which was advertised as a jasmine lavender kombucha from Gloucester, MA. She instead received a blueberry cinnamon kombucha, which we later learned was because the paper menu does not change fast enough to reflect the seasonal menu changes. Though Cathy's not a huge fan of cinnamon, the notes in the kombucha were subtle enough that the drink was still enjoyable. Tai enjoyed a glass of the Merlot Blend. Merlot is typically a dry wine, but the blend provided hints of sweetness which made it a nice cleanser for the rich food.

We started out with the East Coast Oysters, Sea Scallop Crudo, and a pumpkin caviar soup. The selection of oysters came from nearby Martha's Vineyard as well Virginia's Chesapeake Bay and were accompanied by a rose petal mignonette delightfully presented in a nautical glass jar with cocktail sauce and lemons. The freshness of the oysters really shone through, and it was easy to distinguish between the two varieties as the New England oyster was sweeter than its brinier southern counterpart. The Sea Scallop Crudo was a delicately balanced tower of thinly sliced apple sticks, smoked cracklings, bacon-onion jam, and fresh scallop. The scallops tasted light and refreshing, though the cracklings overwhelmed the scallop itself. The smooth and creamy pumpkin soup was complemented by thick pieces of bacon and garnished with caviar and chives, which were overpowered by the soup's richness. While we were waiting for the entrée,

the executive chef came out to greet us and surprised us with a complimentary scallop dish with caviar, grilled onion, and smoked cracklings. The scallops were tenderly cooked and worked well with the caviar and grilled onion.

For the entrée, Cathy had the 12 ounce Pat LaFrieda Striploin with hasselback potatoes and broccoli rabe on the side. The broccoli rabe was charred and topped with crispy bacon bits and a creamy bacon fat aioli, which nicely cut through some of the bitter notes of the broccoli rabe. The steak was perfectly cooked to medium and sat on a flavorful sauce au poivre. With the large portion sizes the meal felt very hearty and left little more to be desired.

Tai ordered the Beef Bourguignon, one of Julia Child's signature orders. Beef Bourguignon is a traditional French dish, which Harvest presented elegantly. The tasty stewed bone-in short rib rested upon a bed of lemon and thyme mashed potatoes and was surrounded by honey glazed carrots. The tender meat easily fell off the bone after being stewed in red wine, stock, and herbs for hours. Compared to the Striploin, the portion size was smaller, but everything was cooked perfectly and all the parts complemented each other as well.

For dessert, Cathy had the Bananas & Barley, a banana cake topped with a ring of thinly sliced bananas and drizzled with caramel. It was surrounded by cute dollops of whipped milk chocolate and lime ganache with some pieces of malted milk crunch and perfectly paired with a honey barley ice cream quenelle on top of crumbled graham crackers. The star of the dessert was the milk chocolate ganache, which was not too sweet and tasted exactly like biting into a chocolate bar. The banana bread itself was a little dry but still flavorful and worked well with the creamy toppings. Meanwhile, Tai finished off his meal with the Coconut Cheesecake. The cheesecake was placed on top of a sheet of coarsely ground graham crackers, topped with bits of coconut streusel and passionfruit, and accompanied by a hibiscus mezcal sorbet. The cheesecake wasn't too heavy and played off the flavors of the coconut and passionfruit well. The flavor of the fruity sorbet was dominated by

the mezcal, but it provided a nice contrast to the rich cheesecake.

Overall, Harvest was a delightful fine dining restaurant with well-crafted dishes that highlighted seasonal and regional specialities. It may be on the pricey side for college students, but we think the elegant atmosphere and interesting dishes make it a worthwhile trip for special occasions. Next time you're in Harvard Square and feel a little fancy, make sure to check out Harvest!



S ARTS ARTS ARTS ARTS ARTS

The East Coast Oysters at Harvest.

**★★★☆** 

Harvest

Restaurant, \$\$\$

44 Brattle St, Cambridge, **MA 02138** 

Monday - Thursday 11:30 a.m. – 9 p.m. Friday 11:30 a.m. - 10 Saturday 11:00 a.m. - 10 Sunday 11:00 a.m. – 8 p.m.



The 12 oz Pat LaFrieda Striploin at Harvest.

TAI ZHENG—THE TECH



# FUNFUNFUNFUNFUNFUNFUNFUNFUNFUN FUNFUNFUNFUNFUNFUNFUN FUNFUNFUNFUNFUNFUL

# **Boston**

Solution, page 8

	2	4			6		9	1
		7				6	8	2
							4	
			9		2	5		8
	7			1			6	
2		9	6		3			
	3							
1	4	2				9		
6	9		4			8	2	

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

# **Marathon**

Solution, page 8

3×		48×		120×	
30×			30×		7+
	8×			5×	
2		3			6
22+			12×		1
		4-		1–	

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

# **Unreal** by Dylan Schiff

Solution, page 8

### **ACROSS**

- 1 Not quite right
- 6 Spread for a BLT 10 Money posted in court
- 14 \_\_ ray (type of fish)
- 15 Last word of a prayer
- 16 "My treat!" 17 Water in some Florida
- communities
- 20 Concert venue
- 21 Sandwich bread
- 22 \_\_ Vegas, NV 23 AOL rival
- 25 Amazes
- 27 Prophetic signs
- 29 Helped out
- 32 Astronomer's observation
- 34 Palindromic German name
- 35 Minor earthquake
- 37 Once more
- 39 Ingredient in some seafood cakes
- 43 Himalayan nation
- 44 10 to the 100th power
- 46 Sheet in a novel
- 49 Escalator surface

- 51 Disadvantaged
- 52 Camel's Andean kin
- 54 Cleveland's water
- 56 "Didn't I tell you this would happen?"
- 57 Two-Oscar actor
- Mahershala 58 Showery spring mo.
- 60 Mac-and-cheese pasta shape
- 63 Nylon and polyester
- 68 Earth's rocky orbiter 69 Cord of a pulley system
- 70 "You can believe me!"
- 71 Mom's sister
- 72 HS support groups
- 73 Historic Alabama city

### **DOWN**

- 1 Physicians' org.
- 2 Scratch up
- 3 Done by two together
- 4 Mix, as paint
- 5 \_\_ and sound (out of danger) 6 Large parrots
- 7 Male pal in Paris

- 8 Far back in time
- 9 Nothing but
- 11 Low-level sock
- 13 Not as much
- 18 Once \_\_ while (occasionally)
- 19 Astrological cat
- 26 Any online merchant
- 28 Fifth president
- 30 Singer Marshall Mathers'
- 31 Shower affection (on)
- 36 Performs like 30 Down
- 38 Clicked image
- 40 Potato nugget product
- 41 Doesn't go out of style
- 42 Foretell
- 46 Blood bank supply 47 \_\_ CAN EAT (buffet restaurant sign)

- 10 Squeezing snake

- 12 "To clarify . . .

- 23 Gym's padded surface
- 24 Voice of Apple devices

- alias
- 33 Phoned

- 45 Drain cleaner chemical

39

46 47 48

43

17

35

58 61 62 63 66 67 68 69 70

25

- 48 Start catching up to
- contents
- 53 Ooh and
- 50 Jigsaw puzzle box's
- 55 North Pole helper 59 Cop's quarry
- 61 Storage containers

73

33

41 42

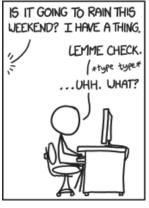
62 Clarinet cousin 64 Demolition letters

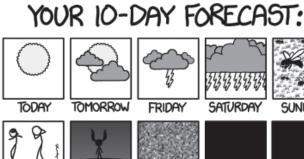
67 Whale's habitat

65 Brewpub product, for short 66 Volcano's edge

### [1245] 10-Day Forecast







MONDAY



TUESDAY





TUESDAY



TUESDAY

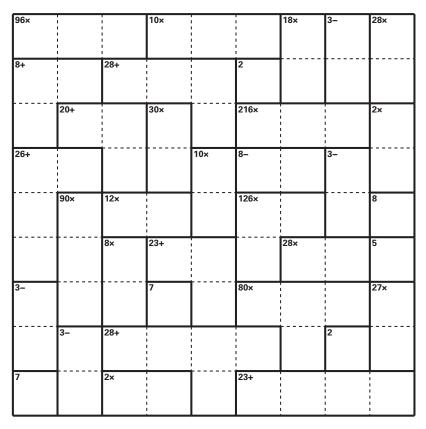


TUESDAY

..OH! YOU TYPED A MINUS SIGN IN THE ZIP CODE. THE NEGATIVE ZIP CODES ARE ALL LIKE THAT. LET'S NEVER MOVE THERE.

### 26.2

Solution, page 8



Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–9. Follow the mathematical operations for each box.



# [2606] Weird Unicode Math Symbols

### WEIRD UNICODE MATH SYMBOLS AND THEIR MEANINGS

U+29CD SHARK Δ

U+23E7 TRAFFIC CIRCLE

U+2A33 *YPWYYPG* 

CONFUSED ALLIGATOR U+2A7C

U+299E SNACK <u>/s</u>

DRINK REFILL U+2A04

U+2B48 SNAKES OVER THERE

U+225D DEFINITELY, FOR SURE

LARRY POTTER U+237C

SPIDER CAUGHT WITH A U+2A50 CUP AND INDEX CARD

HASHITAG U+2A69

U+2368 :/

0+2118ଚ୍ଚ SNAKE

U+2AC1

rolling dough

BETWEEN YOUR U+232D HANDS TO SHAPE IT INTO A BALL

INTEGRAL THAT AVOIDS A

BEE ON THE WHITEBOARD



### [2586] Greek Letters

### WHAT GREEK LETTERS MEAN IN EQUATIONS

IT THIS MATH IS EITHER VERY SIMPLE OR IMPOSSIBLE

△ SOMETHING HAS CHANGED.

SOMETHING HAS CHANGED AND IT'S A MATHEMATICIAN'S FAULT.

O CIRCLES!

ORB5

∈ NOT IMPORTANT, DON'T WORRY ABOUT IT.

U,V IS THAT A V OR A U? OR...OH NO, IT'S ONE OF THOSE.

THIS MATH IS COOL BUT IT'S NOT ABOUT ANYTHING THAT YOU WILL EVER SEE OR TOUCH, SO WHATEVER.

THANK YOU FOR PURCHASING ADDITION PRO®!

...AND THE MULTIPLICATION® EXPANSION PACK!

THIS MATH WILL ONLY LEAD TO MORE MATH.

THERE ARE JUST TOO MANY COEFFICIENTS.

OH BOY, NOW *THIS* IS MATH ABOUT SOMETHING REAL. THIS IS MATH THAT COULD KILL SOMEONE.

OOOH, SOME MATHEMATICIAN THINKS THEIR 12 FUNCTION IS COOL AND IMPORTANT.

 $\omega$  A LOT OF WORK WENT INTO THESE EQUATIONS AND YOU ARE GOING TO DIE HERE AMONG THEM.

SOME POOR SOUL IS TRYING TO APPLY THIS MATH TO REAL LIFE AND IT'S NOT WORKING.

EITHER THIS IS TERRIFYING MATHEMATICS OR THERE WAS A HAIR ON THE SCANNED PAGE.

ZOOM PEWPEW PEW [SPACE NOISES] ZOOOOM!

UNFORTUNATELY, THE TEST VEHICLE SUFFERED AN UNEXPECTED WING SEPARATION EVENT.

GREETINGS! WE HOPE TO LEARN A GREAT DEAL BY EXCHANGING KNOWLEDGE WITH YOUR EARTH MATHEMATICIANS.

W YOU HAVE ENTERED THE DOMAIN OF KING TRITON, RULER OF THE WAVES.

as much as you can before they return to their home planet. If you ever see someone using a capital xi in an equation, just observe them quietly to learn

# **April 21**

1960

234

Solution, page 8

...is the

111

	: Brasilia is officially inaugurated as Brazil's capital from Rio de Janeiro
	: Flint, Michigan changes its water source to Flint River, causing widespread
lead r	ooisoning
	: The Chinese emporer Xian of the Han dynasty dies
	: Annie opens as an original Broadway production at the Alvin Theatre, NYC
	: The Seattle World's Fair opens
	: The Republic of Texas defeats Mexican troops in the Battle of San Jacinto
	BC: Romulus founds Rome
	: Mark Twain dies

1836

1977

1910

753

1962

\_\_th day of the year, for years that are not leap years

2014

8 THE TECH Thursday, Arpil 21, 2022

# Are you a tetris ninja?

Use your powers for good!

news news news newsnews newsnews newsnews news

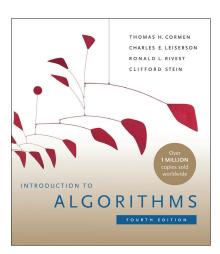
...by joining the production department at The Tech!

join@tech.mit.edu

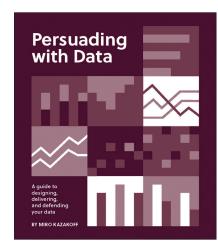




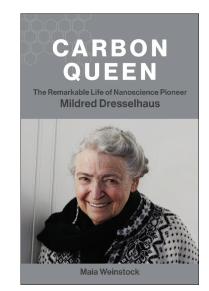
# Celebrating 60 years of illuminating publishing



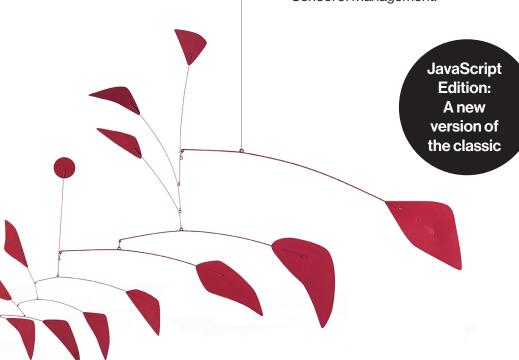
By Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest and Clifford Stein.



An integrated introduction to data visualization from Miro Kazakoff, senior lecturer in managerial communication at the MIT Sloan School of Management.



The life story of Mildred Dresselhaus, pioneering physicist and one of the first female faculty at MIT.



Structure and Interpretation of Computer **Programs** 

By Harold Abelson, MIT Professor of Computer Science and Engineering, and Gerald Jay Sussman, MIT Professor of Electrical Engineering.

mitpress.mit.edu



### Get a chance to report on news at MIT!

Breaking News: The Tech is running out of News Reporters!! Join now: Join@tech.mit.edu

### Meet your fellow tech staff. (aka, your new 3 a.m. pset support group)



join@tech.mit.edu W20-483, 617-253-1541

### **Solution to Boston**

from page 6

3	2	4	8	5	6	7	9	1
5	1	7	3	4	9	6	8	2
9	8	6	1	2	7	3	4	5
4	6	1	9	7	2	5	3	8
8	7	3	5	1	4	2	6	9
2	5	9	6	8	3	1	7	4
7	3	8	2	9	5	4	1	6
1	4	2	7	6	8	9	5	3
6	9	5	4	3	1	8	2	7

### **Solution to Marathon**

1	3	2	4	6	5
5	1	6	2	4	3
6	2	1	3	5	4
2	4	3	5	1	6
3	5	4	6	2	1
4	6	5	1	3	2

### Solution to 26.2

8	4	3	2	1	5	6	9	7
5	1	9	8	7	2	3	6	4
2	7	6	5	4	8	9	3	1
	8	7	6	5	9	1	4	2
	5		3	2	6	7	1	8
		1						
4	9	8	7	6	1	2	5	3
1	6	5	4	3	7	8	2	9
7	3	2	1	9	4	5	8	6

### Solution to Unreal

AMISS MAYO BAIL MANTA AMEN ONME ARTIFICIAL LAKES

ARENA RYE LAS
MSN AWES OMENS
AIDED STAR OTTO
TREMOR AGAIN
IMITATIONCRAB
NEPAL GOOGOL 

### **Solution to April 21**

- ...is the 111th day of the year, for years that are not leap years
- ...1960: Brasilia is officially inaugurated as Brazil's capital from Rio de Janeiro
- ...2014: Flint, Michigan changes its water source to Flint River, causing widespread lead
- ..234: The Chinese emporer Xian of the Han dynasty dies
- ...1977: Annie opens as an original Broadway production at the Alvin Theatre, NYC
- ... 1962: The Seattle World's Fair opens
- ...1836: The Republic of Texas defeats Mexican troops in the Battle of San Jacinto
- ...753 BC: Romulus founds Rome
- ...1910: Mark Twain dies